GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:4052
ANSWERED ON:10.08.2017
Generation of Electricity from Waste
Bala Smt. Anju;Sreeramulu Shri B.

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Government has surveyed the quantity of waste generated annually in metropolitan cities and the quantum of which treated to generate energy ;

(b) if so, the details thereof;

(c) whether the Government is planning to extend this facility to any new municipal solid waste disposal site or landfill site; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) to (d): The Metropolitan cities viz. Mumbai, Delhi, Kolkata, Chennai, Bengaluru, Hyderabad, Ahmadabad, Pune & Surat in India, have a population of 89.6 million that generate 9.8 million tons of waste per year. The daily waste generated in these cities is about 26,800 tons. About 40% of the waste generated per day is combustible and can be converted into energy. The Ministry of New and Renewable Energy (MNRE) is providing Central Financial Assistance for setting up of Waste to Energy projects based on Urban, Industrial and Agricultural Wastes / Residues including Municipal Solid Waste (MSW). In addition, the Ministry of Housing and Urban Affairs is implementing "Swachh Bharat Mission" (SBM) which also provides a viability gap funding of 35% for setting up / refurbishment waste to energy plants. Presently, five projects of 66.4 MW are operational and generating power from Municipal Solid Waste (MSW) and running successfully in Solapur, Maharashtra; Jabalpur, Madhya Pradesh; and New Delhi, which are able to process about 4516 Tons MSW per day. The details of these operational plants with installed capacity and quantity of MSW utilized / processed are given at Annexure-I. Under "Swachh Bharat Mission" (SBM), 48 MSW based plants with cumulative installed capacity of 412.5 MW are under construction. Details of these projects are given at Annexure-II.

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